

SITE - BAY GARDENE, BRETON SOUND, LA

SITE CODE - BSBG

TARGET SPECIES - *Crassostrea virginica*

NOMINAL SITE CENTER - 29° 35.88' N

89° 37.25' W

LOCATED ON NOAA CHART - 11364

SITE ACCESS - The site is accessed by boat launched from Beshel's Lift. From East Pointe a la Hache go south 7.5 mi on LA Hwy. 39. Turn right at the large Chevron sign to get to the marina. By boat, proceed southeast down the Back Levee Canal to the Lower Grand Bayou, then northeast along the bayou to Battle Ground Bay. In Battle Ground Bay go north-northwest into Island Bay, then northeast through Fell Cut. Proceed east-northeast across Grand Point Bay and go through Bayou Boue. Bayou Lost is due east of here and just to the north of Pintail Point, directly across Bay Gardene. The site is located along the south shore of the western end of Bayou Lost, to the west of the LA Fish and Wildlife Camp. Approximate run time to the site is 0.75 hrs.

SITE DESCRIPTION - This site is located on a small unnamed island between Bayou Lost and Lonesome Island on the eastern side of Bay Gardene. Station 1 is located at the western end of the Fish and Wildlife Camp island, on the south side of Bayou Lost. Station 2 is located 100 m to the east on the middle of the island on the south side of the bayou and station 3 lies a further 100 m to the east of Station 2.

OYSTER COLLECTIONS

- 1995 Oysters of all sizes were abundant throughout the entire area, which is privately leased. The oysters occurred in singles and clusters on the soft mudflats, along the edge of the *Spartina alterniflora* marsh.
- 1996 The oyster population was very sparse this year, though the existing oysters were all large in size. The site was moved some 30 m closer to the old Fish and Wildlife Camp, at the cut through the marshland. The sample is a composite one, due to the few available oysters.
- 1997 No collection.

SEDIMENT COLLECTIONS

- 1995 No collection.
- 1996 The dark silty sediment sample was collected from the channel alongside the oyster site.
- 1997 No collection.

SAMPLING METHODS

Oysters - hand

Sediment - stainless steel sediment grab and stainless steel scoop

WATER DEPTH - intertidal, 0 - 0.5 m